Facility-Level Emission Changes: 2009-2013

Emissions at facilities included in this analysis either increased or decreased from 2009 to 2013, using the following criteria:

- Analysis includes only coal units;
- Over 75% change in emission rate;
- Over 0.2 lb/mmBtu change in absolute emission rate; and
- Over 1,000 ton change in emissions of SO_2 or NO_X.

The analysis includes data submitted to EPA for calendar year 2013 as of March 10, 2014. The presentation of this data is not intended to suggest the compliance status of these facilities with currently applicable federal, state, or local environmental requirements.

Facilities with Increasing SO_2

Facility	SO_2 Emission Increase	SO_2 Rate Increase
Watson Electric Generating Plant, Mississippi	50,540 tons (396%)	2.89 lb/mmBtu (345%)
Louisa, Iowa	6,034 tons (268%)	0.24 lb/mmBtu (251%)
Killen Station, Ohio	5,912 tons (300%)	0.33 lb/mmBtu (383%)
Walter C Beckjord Generating Station, Ohio	4,885 tons (12%)	2.43 lb/mmBtu (154%)
Coleman, Kentucky	4,253 tons (109%)	0.22 lb/mmBtu (87%)
Dolet Hills Power Station, Louisiana	2,892 tons (25%)	0.38 lb/mmBtu (78%)
C D McIntosh Jr Power Plant, Florida	1,918 tons (50%)	0.32 lb/mmBtu (84%)
Ashtabula, Ohio	1,709 tons (34%)	2.33 lb/mmBtu (163%)

Facilities with Increasing NO_X

Facility	NO_X Emission Increase	NO_X Rate Increase
New Madrid Power Plant, Missouri	19,105 tons (593%)	0.49 lb/mmBtu (525%)
Harrison Power Station, West Virginia	13,953 tons (295%)	0.21 lb/mmBtu (210%)
Keystone, Pennsylvania	12,928 tons (348%)	0.20 lb/mmBtu (271%)
Thomas Hill Energy Center, Missouri	10,668 tons (261%)	0.31 lb/mmBtu (299%)
Montour, Pennsylvania	7,742 tons (144%)	0.27 lb/mmBtu (237%)
Elmer Smith, Kentucky	4,123 tons (137%)	0.25 lb/mmBtu (115%)
Killen Station, Ohio	3,518 tons (122%)	0.22 lb/mmBtu (168%)
Marion, Illinois	2,855 tons (197%)	0.24 lb/mmBtu (194%)
Grant Town Power Plant, West Virginia	1,038 tons (162%)	0.21 lb/mmBtu (166%)

Facilities with Decreasing SO_2

Facility	SO_2 Emission Decrease	SO_2 Rate Decrease
Keystone, Pennsylvania	86,740 (77%)	1.83 (81%)
Morgantown, Maryland	67,489 (97%)	2.12 (94%)
W H Sammis, Ohio	65,119 (88%)	1.59 (92%)
James H Miller Jr, Alabama	61,442 (99%)	0.59 (99%)
J M Stuart, Ohio	52,459 (82%)	0.65 (79%)
Bowen, Georgia	51,300 (94%)	0.46 (89%)
Kyger Creek, Ohio	49,027 (87%)	1.38 (80%)
Sioux, Missouri	43,643 (94%)	1.64 (94%)
John E Amos, West Virginia	42,874 (88%)	0.65 (89%)
Fort Martin Power Station, West Virginia	42,092 (88%)	2.14 (93%)
Leland Olds, North Dakota	36,718 (83%)	1.58 (80%)
Chalk Point, Maryland	36,454 (89%)	1.70 (83%)
Cheswick, Pennsylvania	31,060 (95%)	2.25 (95%)
Chesterfield Power Station, Virginia	30,325 (94%)	0.70 (92%)
E W Brown, Kentucky	30,286 (94%)	2.52 (96%)
Brandon Shores, Maryland	29,950 (91%)	0.87 (89%)
Merrimack, New Hampshire	27,562 (96%)	2.07 (91%)

Crist Electric Generating Plant, Florida	27,418 (93%)	1.39 (93%)
Sam Seymour, Texas	26,424 (96%)	0.43 (96%)
Dickerson, Maryland	24,823 (97%)	2.09 (93%)
Milton R Young, North Dakota	23,829 (93%)	0.87 (91%)
Cliffside, North Carolina	21,625 (96%)	1.42 (98%)
Baldwin Energy Complex, Illinois	20,040 (81%)	0.34 (82%)
Williams, South Carolina	16,012 (95%)	0.94 (94%)
Coffeen, Illinois	13,289 (99%)	0.56 (99%)
R Gallagher, Indiana	12,657 (87%)	2.36 (76%)
Merom, Indiana	12,163 (83%)	0.29 (76%)
Gibbons Creek Steam Electric Station, Texas	11,636 (98%)	0.67 (96%)
South Oak Creek, Wisconsin	10,737 (99%)	0.44 (99%)
Coronado Generating Station, Arizona	10,504 (93%)	0.34 (93%)
Mercer Generating Station, New Jersey	7,273 (99%)	0.89 (95%)
Genoa, Wisconsin	6,096 (94%)	0.68 (93%)
Kingston, Tennessee	5,837 (52%)	0.85 (79%)
Havana, Illinois	3,888 (77%)	0.38 (85%)

Facilities with Decreasing NO_X

Facility	NO_X Emission Decrease	NO_X Rate Decrease
Lansing, Iowa	2,569 (82%)	0.32 (76%)